Abstract

A manual device for comparing the angles and lengths of mitered moulding (and other material) pairs commonly used in , but not limited to , the picture framing industry consisting of a base plate with a centerally located demarkation line & a perpendicularly mounted radiused locating tab .

Background of Invention

In the picture framing and woodworking industries mouldings & strips of lumber , plastics & metals are commonly cut at various mitered angles . (These pieces will heretofore be referred to as moulding(s) . When these mouldings are cut to be used as a pair there are commonly errors in mitered angles , the prependicularity of the cut , and the moulding lengths .

To correct these errors there are commercially available miter sanders . When errors occur it is necessary to have a means of comparing the mitered angles & lengths of the cut mouldings . This device will quickly & acurately compare the mitered angles and lengths of pairs of mouldings for equality (so , if necessary equality can be attained by sanding) .

Summary of Invention

With this invention the user will have a means to acurately and quickly compare the mitered angles and lenghts of moulding pairs by means of a base plate having a centerally located demarkation line along it's top surface , along it's length , created by raised pad(s) attached to the top surface of the base plate to elevate the moulding pairs so that the sharp edge of the miter is not in contact with the base plate . At one end of the base plate is attached a right angle shaped tab with a radius in it's corner mounted in a manner to the base of the plate by one leg of the tab and secured to the base plate by means of screws & pins. The tab is oriented in such a manner that the radius is parrallel to the top surface of the base plate & perpendicular to the afformentioned centrally located demarkation line on the riser pad . This orientation allows that the sharp edge of the mitered moulding angle will not come in contact with the base plate or the radiused tab , as the tab will only contact the mitered angle and the outter edge of the moulding will only contact the riser pad attached to the base plate .